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Supporting Information:

In-Situ Fabrication of Polymeric Microcapsules by Ink-Jet Printing of Emulsions

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Additional Figures:

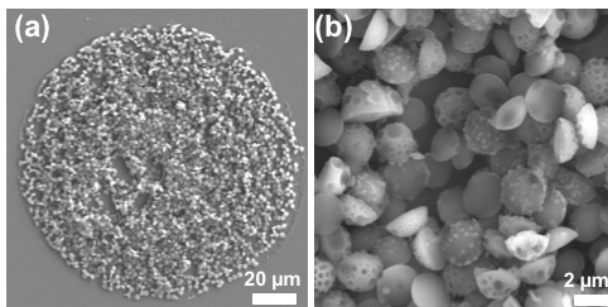


Figure S1. (a) SEM image of a deposit from a printed drop of emulsion with 10 mg mL⁻¹ PS and 1.0 v/v % hexadecane in the oil phase and using SDS (3 mg mL⁻¹) as the surfactant. (b) SEM image at high magnification showing the morphologies of the particles.

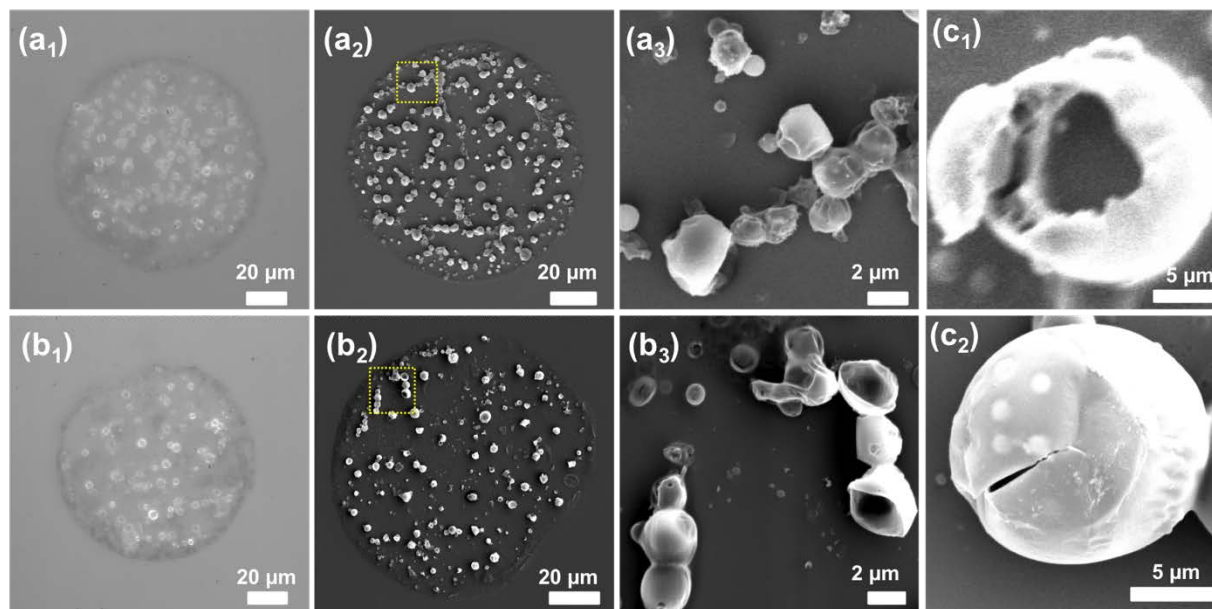


Figure S2. (a₁ and b₁) Micrographs and (a₂ and b₂) SEM images of the deposits from printed drops of emulsion containing: (a and c) PMMA, and (b) PLLA. (a₃ and b₃) SEM images at high magnification showing the morphologies of the microcapsules. (c₁ and c₂) SEM images of a broken microcapsule.

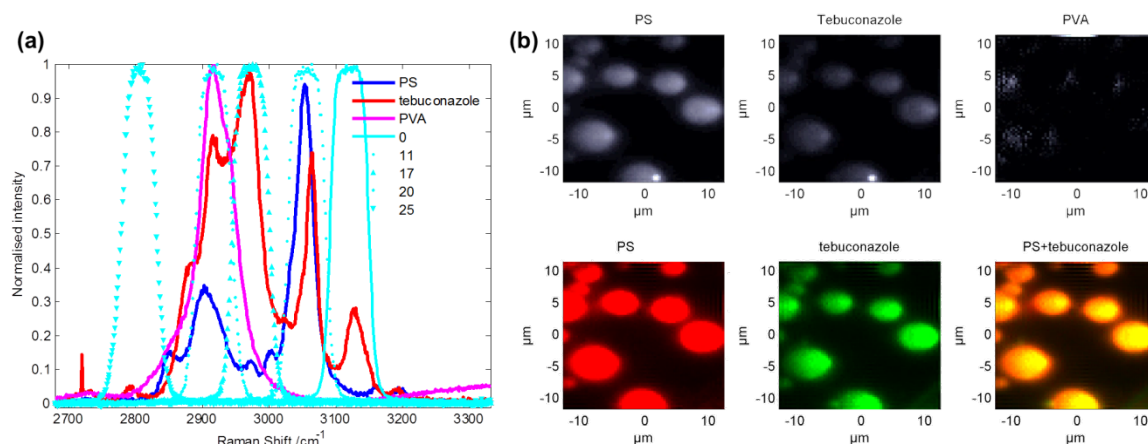


Figure S3. (a) Raman spectra of PS, tebuconazole, PVA and normalized transmission profiles to the maximum transmission of the filter angles 0°, 11°, 17°, 20° and 25° used in fitting procedure, and (b) Raman images.

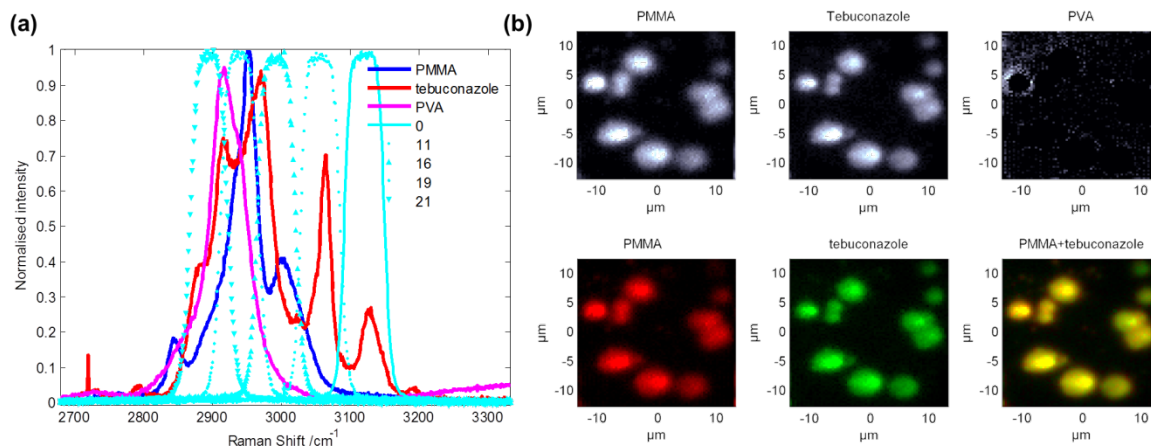


Figure S4. (a) Raman spectra of PMMA, tebuconazole, PVA and normalized transmission profiles to the maximum transmission of the filter angles 0°, 11°, 16°, 19° and 21° used in fitting procedure, and (b) Raman images.